

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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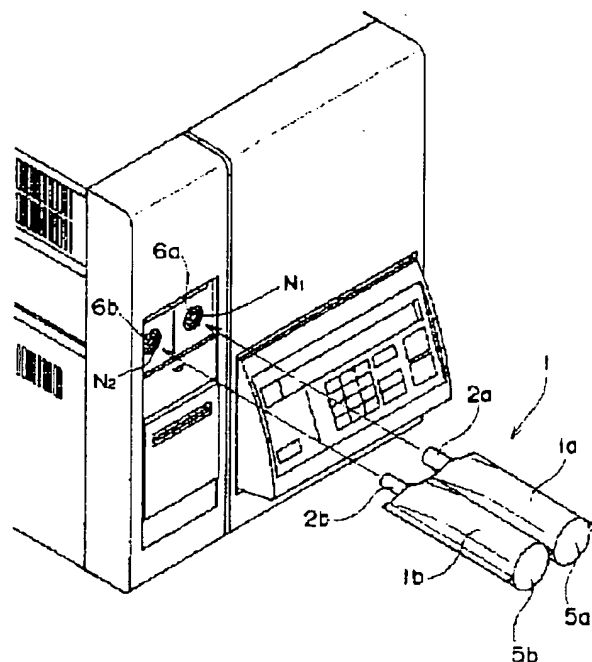
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APPLICANT : OTSUKA PHARMACEUT CO LTD;

INVENTOR : HAMAO TAMOTSU;

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TITLE : EXHALATION BAG AND GAS  
MEASURING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To certainly prevent the mistake of exhalation by providing a plurality of exhalation-accumulation chambers wherein containers are mutually connected and an exhalation introducing pipe having a shape prevented from being attached to the introducing ports of a gas measuring device by mistake.

SOLUTION: The exhalation bag 1 has integrally formed exhalation collecting chambers 1a, 1b collecting the exhalation of a patient before and after a urea diagnostic drug is administered. A pipe 2a is connected to the leading end of the collecting chamber 1a and a pipe 2b is connected to the leading end of the collecting chamber 1b. The pipes 2a, 2b have the functions of exhalation blow ports blowing exhalation into the collecting chambers 1a, 1b and the functions set to the nozzles N<sub>1</sub>, N<sub>2</sub> of an isotope gas spectral measuring device to lead out the exhalation in the collecting chambers 1a, 1b. The inner diameters of the nozzles N<sub>1</sub>, N<sub>2</sub> are mutually different and the thicknesses of the pipes 2a, 2b are also mutually different. By this constitution, it is prevented that the pipes 2a, 2b are attached to the nozzles N<sub>1</sub>, N<sub>2</sub> by mistake.

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